

THIRD-ORDER LEVELING  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

38-083-12  
GARRISON QUADRANGLE  
193 KY.-7 OHIO  
N3830-W8300/15  
DIAGRAM NJ 17-4  
HUNTINGTON

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Carter, Greenup, and Lewis Counties,  
Kentucky; Scioto County, Ohio

Final adjustment of 1962

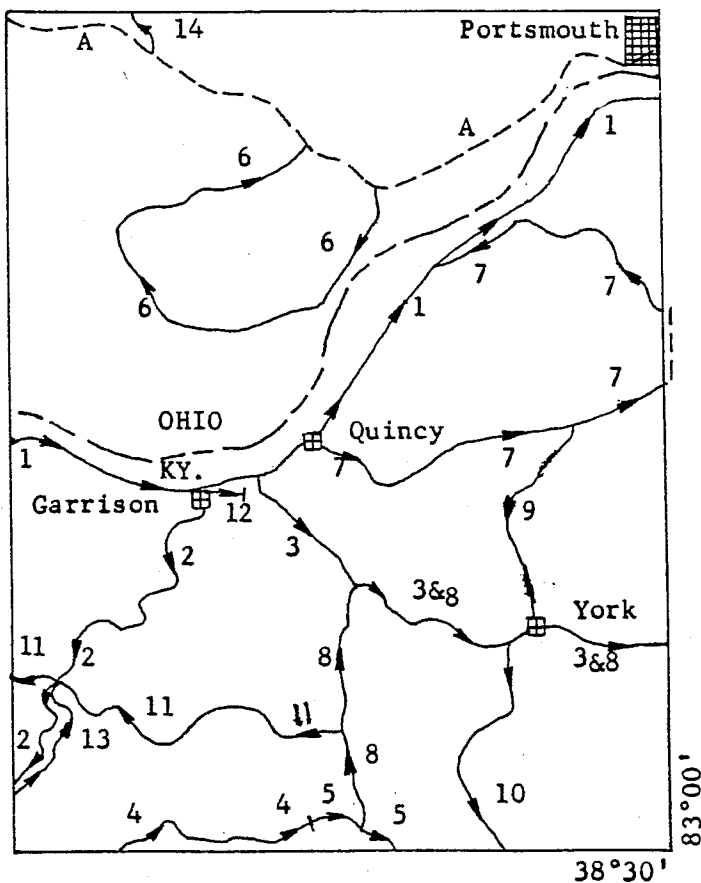
Edition of 11/24/76

PR: LFB/sws

OTWAY  
(16)

VANCEBURG  
(194 KY.-8 OHIO)

GREENUP  
(192 KY.-6 OHIO)



OLIVE HILL  
(179)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380831

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ISOLATED BENCH MARKS (By W. H. Monahan, 1906; Book 8025; C. E. Mills and S. R. Archer, 1910; Book A8574)

Feet

Portsmouth, 3.5 mi SW. of post office, along U. S. Highway 52; 100 ft E. of county rd. near County Infirmary; in NW. wingwall of W. abutment of bridge over Careys Run; standard tablet stamped "RESET 1950" (Replaces OHIO 516) 531.075

Dennis; at NE. corner of rd. forks; near telephone pole and fence; on iron post; standard cap stamped "529" 529.014

Pond Run; at SW. corner of T-rd. NW.; 40 ft W. of center of T-rd.; on iron post; standard cap stamped "PRIM TRAV STA NO 8 1910 522" (Top of pipe reported broken off, 1948) 522.373

Pond Run; 2.1 mi SW. of, along U. S. Highway 52; on N. side of rd.; 40 ft from center of lane S.; on iron post; standard cap stamped "528" (Reported destroyed, 1967) 527.550

Pond Run, 6.0 mi SW. of, along U. S. Highway 52; 0.8 mi SE. of McGaw; at Elmtree School; on S. side of rd.; near telephone pole; on iron post; standard cap stamped "566" (Reported not found, 1948) 566.122

Carey Run School, 1.0 mi NW. of; about 200 ft S. of residence of Charles L. Simon; on E. side of rd.; on iron post; standard cap stamped "692" 691.641

Friendship, 5.1 mi NW. of, along State Highway 125; at NE. corner of Union Church; on iron post; standard cap stamped "659" 658.911

McGaw, 3.2 mi NW. of; 0.8 mi W. of Upper Twin Creek School; in front of residence of Clay Cooper; on W. side of rd.; 20 ft N. of lane; on iron post; standard cap stamped "721" 720.634

LINE 1.

By M. C. McClellan, 1929; Book B3521

Garrison; at C. & O. Ry. station; 19 ft E. of semaphore; in top of concrete stoop; standard tablet stamped "TT STA NO 44 M 1929" 534.748

Reference mark; 10 ft NE. of tablet; on N. corner of lower step; chiseled square 533.84

U. E., Garrison, 0.7 mi E. of; at Lloyd siding; at signal tower 5622; on center of N. side of base; chiseled square 537.05

Quincy; 350 ft SW. of C. & O. Ry. station; 33 ft E. of crossing of rd. and eastbound track; 8 ft E. of Ry. signpost; in concrete post; standard tablet stamped "TT STA NO 45 M 1929" 544.011

LINE 1 (Cont'd.)Feet

Reference mark; 40 ft N. of tablet; at signal tower 5604; on W. corner of base; chiseled square 544.65

St. Paul; 4.6 ft from SE. corner and in line with E. edge of St. Paul Church; in lawn; in concrete post flush with ground; standard tablet stamped "TT STA NO 46 M 1929" 553.127

Reference mark; at rd. crossing; at foot of double signal tower 5567; on SE. corner of telephone box; chiseled square 544.58

Firebrick; 49 ft from SW. corner and in line with W. edge of C. & O. Ry. station; 225 ft SW. of milepost 554; on edge of grassy embankment; in concrete post; standard tablet stamped "TT STA NO 47 M 1929" (Reported not found, 1948) 546.360

LINE 2.

By M. C. McClellan, 1929; Book B3521

"TT STA NO 44 M 1929" (Described in line 1) 534.748

Upperbruce, 1.1 mi SW. of; 4.6 mi SW. of Garrison, along C. & O. Ry.; about 600 ft S. of Red Brush School; 30 ft E. of crossing of rd. to Red Brush School; 3 ft S. of N. end of Ry. right-of-way fence; in concrete post; standard tablet stamped "TT STA NO 55 M 1929" 552.663

Tannery, 1.0 mi NW. of; in line with N. side of Tannery School; 15 ft from NW. corner; 10 ft S. and 5 ft W. of well; in concrete post; standard tablet stamped "TT STA NO 54 M 1929" 562.310

Tannery, 4.0 mi S. of; 5.5 mi N. of State Highway 59 bridge over Kinniconick Creek, along Kinniconick Creek Road; 3.2 mi S. of Tannery School; 12 ft N. of SW. corner of Armstrong Church (built about 1953); 28 ft S. of NW. corner of church; 0.6 ft W. of W. wall of church; in concrete post; standard tablet stamped "TT STA NO 53 M 1929 652" 652.984

LINE 3.

By M. C. McClellan, 1929; Book B3521

U. E., Garrison, 0.7 mi E. of; chiseled square (Described in line 1) 537.05

Garrison, 0.7 mi E. of, thence 3.3 mi SE.; 0.8 mi N. of Rexton Post Office; 35 ft S., thence 48 ft E. of forks of old state rd. E.; on top of bank; in concrete post; standard tablet stamped "TT STA NO 56 M 1929" (Reported destroyed, 1961) 643.122

1929

LINE 4.

Feet

By M. C. McClellan, 1929; Book B3521

Ruggles, 0.3 mi N. of, thence 3.4 mi NE. along Lambert Branch and  
Dummit Ridge rd.; 300 ft W. of dwelling of Arthur Dummit; 25 ft N.  
of rd.; 9 ft S. of large chestnut tree; in top of N. edge of  
sandstone outcrop; standard tablet stamped "TT STA NO 60 M 1929" 1144.449

LINE 5.

C. E. Walker, 1929; Book B3517

Upper Three Prong School; 4.7 mi NW. of Kehoe; 77 ft E. of SE.  
corner of school building; 3.5 ft S. of NW. corner fence post;  
in concrete post; standard tablet stamped "TT STA NO 59 M 1929" 747.570

LINE 6.

By J. W. McLaughlin, 1947; Book AV 36

"D 79 1935" (NGS) 596.875

U. E., Friendship, 0.1 mi W. of post office along U. S. Highway 52;  
at bridge over Turkey Creek; on top of the downstream end of the  
E. abutment, and near the junction of the SE. wingwall; USED  
chiseled square (This mark replaces bench mark "C 79 1935" which was  
destroyed) (Tied by NGS, 1940) 535.633

Friendship, 1.0 mi SW. of, along U. S. Highway 52; 30 ft W. of  
center of junction of driveway W. to residence of H. M. Dobson;  
in SE. headwall of concrete culvert; standard tablet stamped  
"7 JWM 1947 554" 553.940

Reference mark; 120 ft N. of tablet; 25 ft W. of center of U. S.  
Highway 52; on E. headwall of concrete culvert; chiseled square 553.18

U. E., Friendship, 2.0 mi SW. of, along U. S. Highway 52; 30 ft  
N. of barn on SE. side of hwy.; 20 ft E. of center of junction  
of hwy. and rd. SE.; on SE. headwall of concrete culvert; chiseled  
square 546.49

Friendship, 3.0 mi SW. of, along U. S. Highway 52; at NE. entrance  
to Pond Run Methodist Episcopal Church; in first step; standard  
tablet stamped "6 JWM 1947 524" 524.543

Reference mark; 300 ft SE. of tablet; 25 ft W. of centerline of  
junction of U. S. Highway 52 and Pond Run Road; on head of con-  
crete culvert; chiseled square 523.78

LINE 6. (Cont'd.)Feet

U. E., Pond Run, 1.0 mi W. of, along graded rd.; at NE. end of wooden bridge over Pond Run; on NW. wingwall; chiseled square	559.22
Pond Run, 1.9 mi W. of, along graveled rd.; at W. end of wooden bridge over Pond Run; in S. wingwall; standard tablet stamped "5 JWM 1947 613"	612.817
Reference mark; 90 ft E. of tablet; 20 ft S. of centerline of rd.; in root on N. side of 18-in. sycamore tree; copper nail and washer	610.430
U. E., Pond Run, 2.7 mi W. of, along graveled rd.; 160 ft NW. of centerline of junction of Y-rd. NW.; at SE. end of bridge; on E. wingwall; chiseled square	671.24
Pond Run, 4.0 mi W. of, along graveled rd.; at N. end of wooden bridge over Pond Run; in E. wingwall; standard tablet stamped "4 JWM 1947 740"	740.066
U. E., Pond Run, 4.8 mi NW. of, along graveled rd.; at SE. end of wooden bridge over Pond Run; on NE. wingwall; chiseled square	793.22
Pond Run, 6.1 mi NW. of; 5.0 mi SW. of Pond Lick Baptist Church; 120 ft NW. of junction of rd. NE.; at SW. end of wooden bridge; in NW. wingwall; standard tablet stamped "3 JWM 1947 895"	894.722
Reference mark; 910 ft S. of tablet; at SE. end of wooden bridge; on NE. wingwall; chiseled square	880.52
Pond Lick Church, 3.4 mi SW. of, along graveled rd.; at horseshoe curve; 40 ft NE. of NE. headwall of culvert; 10 ft S. of 12-in. oak tree; in concrete post; standard tablet stamped "2 JWM 1947 935" (Reported destroyed, 1961)	935.086
Reference mark; 60 ft SW. of tablet; 25 ft S. of centerline of rd.; in root on NW. side of 14-in. ash tree; copper nail and washer	939.29
U. E., Pond Lick Church, 2.3 mi SW. of, along graveled rd.; 10 ft N. of centerline of rd.; on W. headwall of masonry culvert; chiseled square	738.01
Pond Lick Church, 1.3 mi SW. of; about 100 ft W. of white house on SE. side of rd.; on NE. end of wooden bridge; in N. wingwall of bridge; standard tablet stamped "1 JWM 1947 662"	662.587

LINE 6 (Cont'd.)Feet

Reference mark, 0.4 mi SW. of tablet ; at Shawnee C. C. C. camp; 45 ft N. of centerline of rd.; on E. concrete wall of grease pit; chiseled square	706.45
U. E., Pond Lick Church; 2.4 mi NW. of Friendship, along State Highway 125; at NE. entrance to church; on SE. concrete step; chiseled square	571.23
"E 79 1935" (NGS)	607.689

LINE 7.

J. W. McLaughlin, 1947; Book AV 36

Quincy, 0.2 mi from left bank of Ohio River; about 650 ft above C. & O. Ry. culvert over Briery Creek; about 500 ft below station; about 275 ft below rd. to landing; on property of C. & O. Ry.; 14 ft landside from centerline of landside track; 5 ft from fence; in concrete pedestal; on 2-in. iron pipe; USED standard cap designated "573"	542.510
"TT STA NO 45 M 1929" (Described in line 1)	544.011
U. E., Quincy, 0.7 mi SE. of, along graded rd.; at SE. end of bridge; on S. wingwall; chiseled square	545.08
Quincy, 1.9 mi SE. of, along graded rd.; 20 ft SW. of centerline of T-rd. E.; at N. end of wooden bridge; in W. wingwall; standard tablet stamped "1 JWM 1947 601"	601.043
Reference mark; 65 ft E. of tablet; 15 ft S. of centerline of rd.; in base on N. side of 10-in. sycamore tree; rail spike	603.12
Quincy, 1.9 mi SE. of, along graded rd., thence 1.9 mi NE.; 60 ft NE. of barn on NW. side of rd.; 20 ft NW. of centerline of rd.; 10 ft NE. of fence corner; in concrete post; standard tablet stamped "2 JWM 1947 784" (Reported destroyed, 1967)	784.210
Reference mark; 90 ft E. of tablet; 20 ft SE. of centerline of rd.; in root on W. side of 10-in. sycamore tree; copper nail and washer	783.08
Quincy, 1.9 mi SE. of, thence 3.9 mi NE.; 2.4 mi SW. of Letitia Post Office; 50 ft NW. of centerline of rd. fork; 15 ft W. of centerline of rd. N.; in concrete post; standard tablet stamped "3 JWM 1947 758"	757.756
Reference mark; 340 ft SW. of tablet; 15 ft SE. of centerline of rd.; in base on NW. side of 10-in. twin walnut trees; rail spike	753.68

LINE 7. (Cont'd.)Feet

U. E., Letitia Post Office, 1.4 mi SW. of, along graded rd.; 100 ft E. of white house on S. side of rd.; 15 ft N. of centerline of rd.; on W. headwall of concrete culvert; chiseled square	729.30
Letitia, 0.6 mi SW. of, along graded rd.; 35 ft N. of Star School; 4 ft E. of flagpole; in concrete post; standard tablet stamped "4 JWM 1947 676"	676.287
Reference mark; 80 ft NW. of tablet; 15 ft N. of centerline of rd.; on W. headwall of concrete culvert; chiseled square	676.00
<u>/Jogs into Greenup quadrangle/</u>	
U. E., Firebrick, 3.5 mi SE. of post office; 35 ft E. of centerline of junction of rd. NE.; at SE. end of bridge; on NE. wingwall; chiseled square	672.56
Firebrick, 2.5 mi SE. of; about 100 ft SW. of small shed; 10 ft S. of creek; 6 ft SW. of rd.; in concrete post; standard tablet stamped "6 JWM 1947 789"	788.809
Reference mark; 200 ft SE. of tablet; 10 ft SW. of centerline of rd.; in root on NE. side of 12-in. oak tree; copper nail and washer	783.42
Firebrick. 0.4 mi SE. of; 230 ft SE. of junction of Y-rd. SE.; 20 ft SW. of centerline of rd.; 20 ft SE. of fence corner; in concrete post; standard tablet stamped "7JWM 1947 625"	624.683
U. E., Firebrick; 5 ft S. of SE. corner of post office; on concrete walk; chiseled square	566.44.
Portsmouth, about 4.0 mi below; 250 ft from left bank of Ohio River; 253 ft below centerline of Dam No. 31; on property of T. Thompson; on landside of rd.; 2 ft riverside of right-of-way fence on riverside of C. & O. Ry.; in concrete slab; on 4-in. iron pipe; USED standard cap designated "BM 81"	558.240
U. E., St. Paul, 2.2 mi NE. of; along State Highway 10; about 300 ft NE. of house on SE. side of hwy.; on E. headwall of concrete culvert; chiseled square	574.68
"TT STA NO 46 M 1929" (Described in line 1)	553.127



1947

<u>LINE 8.</u>	<u>Feet</u>
By J. W. McLaughlin, 1947; Book AV 36	
"TT STA NO 59 M 1929" (Described in line 5)	747.570
Rexton, 3.7 mi S. of post office, along Montgomery Mountain rd.; 21 ft SW. of twin sycamore trees; in concrete post; standard tablet stamped "TT 9 TWC 1947 912"	912.000
Reference mark; 180 ft NW. of tablet; 10 ft E. of centerline of rd.; in root on W. side of 6-in. oak tree; copper nail and washer	922.35
Rexton, 1.8 mi S. of, along Montgomery Mountain rd.; 19 ft W. of SW. corner of yard at dwelling of V. Lambert; 9 ft E. of center- line of rd.; in concrete post; standard tablet stamped "TT 8 TWC 1947 743" (Reported destroyed, 1961)	743.099
U. E., Rexton, 0.2 mi S. of; 50 ft SW. of centerline of forks at Y-rd. SW.; at W. end of bridge; on S. wingwall; chiseled square	665.56
"TT STA NO 56 M 1929" (Described in line 3)	643.122
York, 3.3 mi NW. of; about 200 ft N. of cemetery; 20 ft NE. of centerline of Y-rd. forks; in concrete post; standard tablet stamped "8 JWM 1947 1094"	1094.164
Reference mark; 40 ft SW. of tablet; 20 ft SW. of centerline of rd.; in root on NW. side of 8-in. maple tree; copper nail and washer	1093.17
York, 1.3 mi SW. of; 30 ft SW. of centerline of T-rd. W.; in con- crete post; standard tablet stamped "9 JWM 1947 741"	741.261
Reference mark; 60 ft N. of tablet; in root on SE. side of 36-in. oak tree; copper nail and washer	741.57
U. E., York; at post office; on NE. corner of first step; chiseled square	709.86
York, 1.1 mi E. of; at SE. end of bridge; in E. wingwall; standard tablet stamped "10 JWM 1947 672"	672.017
Reference mark; 60 ft NW. of tablet on W. wingwall of bridge; chiseled square	671.92
U. E., York, 2.1 mi E. of; 150 ft E. of barn on S. side of rd.; 15 ft S. of centerline of rd.; on SE. headwall of concrete culvert; chiseled square	663.43

1947

LINE 9.

Feet

By J. W. McLaughlin, 1947; Book AV 36

"3 JWM 1947 758" (Described in line 7) 757.756

York, 3.9 mi N. of, along graded rd.; 20 ft NE. of drain crossing  
10 ft E. of centerline of rd.; 4 ft N. of 16-in. white oak tree;  
in concrete post; standard tablet stamped "13 JWM 1947 824" 823.735

Reference mark; 75 ft S. of tablet; 20 ft E. of centerline of rd.;  
in root on W. side of 10-in. hickory tree; copper nail and washer 822.85

York, 1.9 mi N. of, along graded rd.; 60 ft SE. of brown house on  
W. side of rd.; 2 ft SE. of SE. corner of shed; 10 ft W. of center-  
line of rd.; in concrete post; standard tablet stamped  
"14 JWM 1947 849" 849.565

Reference mark; 420 ft N. of tablet; 15 ft SW. of small bridge; 10  
ft W. of centerline of rd.; in base on SE. side of 16-in. oak tree;  
rail spike 865.12

U. E., York; chiseled square (Described in line 8) 709.86

LINE 10.

By J. W. McLaughlin, 1947; Book AV 36

"9 JWM 1947 741" (Described in line 8) 741.261

Brushart, 1.5 mi NE. of, along Leatherwood Creek rd.; 30 ft SE.  
of centerline of junction of Y-rd. W.; in concrete post; standard  
tablet stamped "15 JWM 1947 1007" 1007.568

Reference mark; 30 ft SW. of tablet; 20 ft SE. of centerline of rd.;  
on top of rock ledge; chiseled square 1004.54

U. E., Brushart, 0.6 mi NE. of, along Leatherwood Creek rd.; at  
SW. end of bridge; on W. wingwall; chiseled square 808.00

Brushart; in village of; 4 ft SW. of SW. corner of church; in  
concrete post; standard tablet stamped "16 JWM 1947 753" 752.995

Reference mark; 70' ft W. of tablet; 40 ft W. of centerline of  
rd.; in root on SE. side of 12-in. sycamore tree; copper nail  
and washer 750.99

GARRISON QUADRANGLE  
Book AV 36

193 KY.-7 OHIO

J. W. McLaughlin  
1947

38-083-12  
11

LINE 11.

Feet

By J. W. McLaughlin, 1947; Book AV 36

Rexton, 3.0 mi S. of, thence 0.9 mi W. along dirt rd.; 6.0 mi E.  
of Tannery Post Office; 68 ft SE. of barn; 30 ft NE. of centerline  
of rd.; in top of large sandstone boulder; standard tablet stamped  
"19 JWM 1947 1123" 1123.443

Reference mark; 15 ft S. of tablet; 15 ft NE. of centerline of rd.;  
in root on N. side of hickory tree; copper nail and washer. 1123.46

Tannery, 3.5 mi generally E. of, along field and woods rds.; 0.8  
mi SE. of McDowell School; 20 ft W. of centerline of junction  
of rd. SW.; in concrete post; standard tablet stamped  
"20 JWM 1947 614" 614.139

Reference mark; 65 ft SW. of tablet; 15 ft SE. of centerline of  
rd.; in root on SE. side of 12-in. oak tree; copper nail and  
washer 615.04

Tannery, 1.8 mi SE. and E. of, along dirt rd.; 30 ft SE. of E.  
corner of barn; 10 ft NW. of centerline of rd.; in concrete post;  
standard tablet stamped "21 JWM 1947 725" 725.149

Reference mark; 280 ft SW. of tablet; 6 ft NW. of centerline of  
rd.; in root on W. side of 30-in. tree; copper nail and washer 715.46

Tannery; 170 ft NW. of post office; 15 ft NW. of centerline of rd.;  
in concrete post; standard tablet stamped "22 JWM 1947 552" 552.491

Reference mark; 30 ft SW. of tablet; 6 ft NW. of centerline of rd.;  
in root on SE. side of 20-in. sycamore tree; copper nail and  
washer 551.47

U. E., Tannery, 0.8 mi NW. of, along Rock Run rd.; 30 ft NE. of SW.  
end of bridge; on S. corner of SE. pier; chiseled square 560.59

"TT STA NO 54 M 1929" (Described in line 2) 562.310

LINE 12.

By J. W. McLaughlin, 1947;;Book AV 36

"TT STA NO 44 M 1929" (Described in line 1) (Also in line 2) 534.748

LINE 12 (Cont'd.)Feet

Garrison, 0.9 mi NE. of; on left bank of Ohio River; 200 ft from top of river bank; 55 ft SW. of 36-in. maple tree; 50 ft above road to landing; 49 ft SE. of spike in 20-in. elm tree, 45 ft SW. of downstream land corner of stone steps; 30 ft below house; in yard of John Warren; on 4-in. iron pipe mounted on an 18-in. by 18-in. concrete slab with a bolt in the center; USED standard cap designated "BM 82"

528.970

LINE 13.

By E. O. Miner, 1949; Book AV 100

"TT STA NO 53 M 1929 652" (Described in line 2)

652.984

U. E., Tannery, 1.0 mi NW. of, thence 2.0 mi S.; at E. end of cleared field; 20 ft S. of centerline of rd.; in base on W. side of 6-in. sycamore tree; spike nail

562.91

Armstrong School, 1.5 mi N. of; 6.5 mi SE. of Vanceburg; 1.0 mi NW. of Tannery, thence 1.0 mi S.; 47 ft NE. of, and 6 ft lower than old and new roadbeds forming Y-rd.; 1 ft NW. of boundary fence of Lewis County Wildlife Area; in concrete post; standard tablet stamped "86 EOM 1949 622"

622.358

U. E., Armstrong School, 2.5 mi N. of; across rd. from barn; 15 ft S. of middle of culvert; in base on E. side of 24-in. walnut tree; spike

572.66

U. E., Armstrong School, 2.9 mi N. of; 20 ft SE. of junction of T-rd.; at SW. corner of bridge; on top of stone abutment; chiseled square

572.28

"TT STA NO 54 M 1929" (Described in line 2) (Also in line 11)

562.310

LINE 14.

By E. V. Bon Durant, 1959; Book AV 758

"G 79 1935" (NGS)

767.121

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

38-083-12  
GARRISON QUADRANGLE  
193 KY.-7 OHIO  
N3830-W8300/15  
DIAGRAM NJ 17-4  
HUNTINGTON

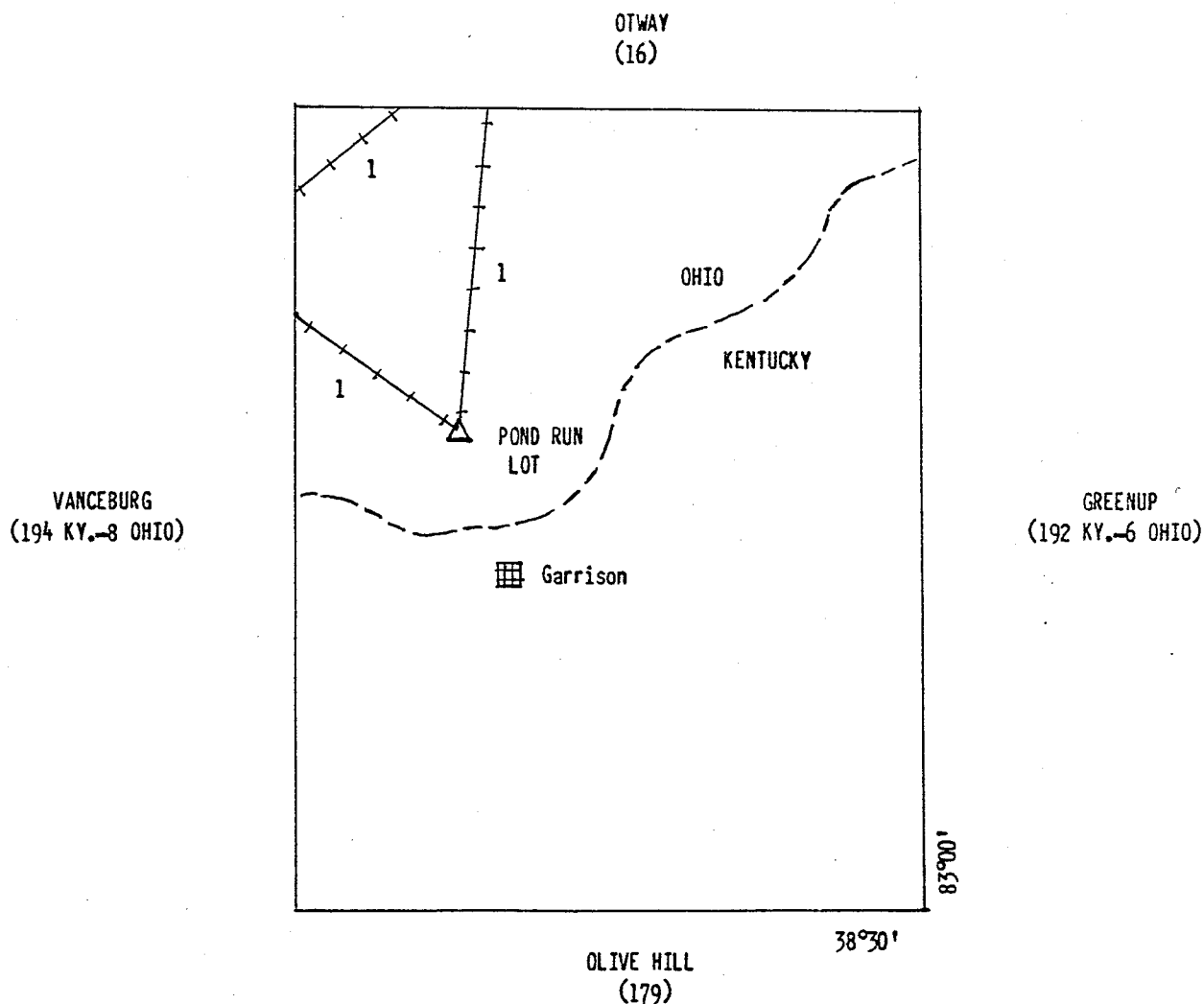
Greenup and Lewis Counties, Kentucky;  
Scioto County, Ohio

Edition of 5/24/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection,  
Kentucky, North Zone and Ohio, South Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

193 KY.-7 OHIO  
GARRISON QUADRANGLE

38-083-12  
N3830-W8300/15

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38-083-12  
3

LATITUDE  
0 1 N

LONGITUDE  
0 1 2

By S. H. Moyer, 1929; Books C9006-7

Garrison; at Chesapeake and Ohio Railway station; 19 ft E. of semaphore; in top of concrete stoop; standard tablet stamped "TT STA NO 44 M 1929"

Кы. Н.)      $X = 2,307,710$       $Y = 405,782$      38 36 33.71     83 10 23.39

Quincy; 350 ft SW. of C. & O. Ry. station; 33 ft E. of rd. crossing of eastbound track; 8 ft E. of RR. signpost; in concrete post; standard tablet stamped "TT STA NO 45 M 1929"

$$X = 2,319,565 \quad Y = 411,376 \quad 38 \ 37 \ 27.61 \quad 83 \ 07 \ 53.20$$

St. Paul; 5 ft from SE. corner of, and in line with E. edge of St. Paul Church; in concrete post flush with lawn; standard tablet stamped "II STA NO 46 M 1929"

$$X = 2,331,032 \quad Y = 427,943 \quad 38.40 \ 09.96 \quad 83.05 \ 26.09$$

Firebrick; 49 ft from SW. corner of, and in line with W. edge of C. & O. Ry. station; 225 ft SW. of milepost No. 554; on edge of grassy embankment; in concrete post; standard tablet stamped "TT STA NO 47 M 1929"  
(Not found, 1948)

$$X = 2,341,892 \quad Y = 435,777 \quad 38 \ 41 \ 26.02 \quad 83 \ 03 \ 07.89$$

By S. H. Moyer, 1929; Books C9006-7

Tannery, 1.0 mi W. of; in line with N. face of, and 15 ft from NW. corner of Tannery School; 10 ft S. and 5 ft W. of well; in concrete post; standard tablet stamped "TT STA NO 54 M 1929"

$$X = 2,290,237 \quad Y = 384,583 \quad 38 \ 33 \ 06.12 \quad 83 \ 14 \ 06.45$$

Upperbruce, 1.1 mi SW. of; 4.6 mi SW. of Garrison, along RR.; 600 ft S. of Red Brushy School; 30 ft E. of rd. crossing to school; 3 ft S. of N. end of right-of-way fence; in concrete post; standard tablet stamped "TT STA NO 55 M 1929"

$$X = 2,299,889 \quad Y = 391,629 \quad 38 \ 34 \ 14.70 \quad 83 \ 12 \ 03.94$$

Garrison, 0.7 mi E. of, thence 3.3 mi SE.; 0.8 mi N. of Rexton Post Office; 35 ft S. and 48 ft E. of fork of old state rd. E.; on top of bank; in concrete post; standard tablet stamped "TT STA NO 56 M 1929"  
(Reported destroyed, 1961)

$$X = 2,322,752 \quad Y = 395,258 \quad 38 \ 34 \ 47.90 \quad 83 \ 07 \ 15.53$$



193 KY.-7 OHIO  
GARRISON QUADRANGLE

38-083-12

4

STATION DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

OBSOLETE MARKS (Cont'd.)

By S. H. Moyers, 1929; Books C9006-7

Kehoe, 4.7 mi NW. of; 77 ft E. of SE. corner of Upper Three Prong School; 3.5 ft S. of NW. corner fencepost; in concrete post; standard tablet stamped "TT STA NO 59 M 1929"

Ky. N.) X = 2,324,844 Y = 367,586 38 30 14.12 83 06 53.48

Ruggles, 0.3 mi N. of, thence 3.4 mi NE. along Lambert Branch and Dummit Ridge Road; 300 ft W. of residence of Arthur Dummit; 25 ft N. of rd.; 9 ft S. of large chestnut tree; in N. edge of sandstone outcrop; standard tablet stamped "TT STA NO 60 M 1929"

X = 2,311,495 Y = 367,578 38 30 15.63 83 09 41.40

By T. W. Cayce, 1947; Book AH 56

Quincy, 0.2 mi from left bank of Ohio River; about 650 ft above C. & O. Ry. culvert over Briery Creek; about 500 ft below station; about 275 ft below rd. to landing; on property of C. & O. Ry.; 14 ft landside from centerline of landside track; 5 ft from fence; in concrete pedestal; on 2-in. iron pipe; USED standard cap designated "573"

X = 2,319,478 Y = 411,137 38 37 25.25 83 07 54.33

Friendship, 5.0 mi S. of post office, along U.S. Highway 52; 31 ft NE. of mailbox; 18 ft SE. of centerline of hwy.; 6 ft SW. of telephone pole; in concrete post; standard tablet stamped "TT 1 TWC 1947"

X = 2,315,698 Y = 416,339 38 38 17.12 83 08 41.16

Pond Run; 40 ft W. of junction of I-rd. NW.; on iron post; standard cap stamped "PRIM TRAV STA NO 8 1910 OHIO 522" (Top of pipe reported broken off, 1948)

X = 2,320,316 Y = 424,779 38 39 40.00 83 07 41.68

Friendship, 0.5 mi S. of post office, along U.S. Highway 52; 270 ft N. of concrete bridge over Rabbit Run; 120 ft N. of junction of cut-off rd. and hwy.; 30 ft NW. of centerline of hwy.; in concrete post; standard tablet stamped "TT 2 TWC 1947"

X = 2,326,602 Y = 436,002 38 41 30.16 83 06 20.67

Friendship, 1.8 mi N. of post office, along State Highway 125; 246 ft NW. of NW. corner of residence of I. R. Eisen; 33 ft SW. of 24-in. twin oak tree; 21 ft N. of centerline of hwy.; in NE. wingwall of concrete culvert; NGS standard disk stamped "D 79 1935"

X = 2,321,513 Y = 441,145 38 42 21.62 83 07 24.06

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Friendship, 3.2 mi W. of post office, along State Highway 125; 126 ft NE. of NE. corner of residence of Mrs. J. Cuppett; 60 ft SE. of fence corner; 21 ft N. of centerline of hwy.; in NE. wingwall of concrete culvert; NGS standard disk stamped "E 79 1935"

Ky. N.)	X = 2,315,121	Y = 446,065	38 43 11.02	83 08 43.95
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Friendship, 4.0 mi W. of post office, along State Highway 125, thence 0.7 mi N. along OYO Scout Road; 26 ft SE. of centerline of rd.; 5 ft N. of 18-in. white oak tree; in concrete post; standard tablet stamped "TT 3 TWC 1947"

	X = 2,313,278	Y = 450,971	38 43 59.71	83 09 06.46
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Rexton, 1.8 mi S. of post office, along Montgomery Mountain Road; 19 ft W. of SW. corner of yard at residence of V. Lambert; 9 ft E. of centerline of rd.; in concrete post; standard tablet stamped "TT 8 TWC 1947 743" (Reported destroyed, 1961)

	X = 2,322,436	Y = 384,709	38 33 03.67	83 07 21.14
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Rexton, 3.7 mi S. of post office, along Montgomery Mountain Road; 21 ft SW. of twin sycamore tree; 11 ft E. of centerline of rd.; in concrete post; standard tablet stamped "TT 9 TWC 1947 912"

	X = 2,322,982	Y = 376,002	38 31 37.54	83 07 15.60
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By D. W. Pinkston, 1949; Book AH 134

Tannery, 4.0 mi S. of; 5.5 mi N. of State Highway 59 bridge over Kinniconick Creek, along Kinniconick Creek Road; 3.2 mi S. of Tannery School; 12 ft N. of SW. corner of armstrong church (built in 1953); 28 ft S. of NW. corner of church; 0.6 ft W. of W. wall of church; in concrete post; standard tablet stamped "TT STA NO 53 M 1929 652"

	X = 2,288,178	Y = 374,759	38 31 29.24	83 14 33.72
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Armstrong School, 1.5 mi N. of; 47 ft NE. of, and 6 ft lower than junction of new and old roadbeds; 1 ft NW. of boundary fence of Lewis County Wildlife Area; in concrete post; standard tablet stamped "86 EOM 1949 622"

	X = 2,290,062	Y = 380,483	38 32 25.61	83 14 09.22
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193 KY.-7 OHIO  
GARRISON QUADRANGLE

38-083-12  
6

STATION          DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

THIRD-ORDER ELECTRONIC TRAVERSE

Final adjustment of 1977

LINE 1.

By W. C. Elder, 1959; Book AH 594

NGS triangulation station designated "POND RUN STATE FOREST LOOKOUT TOWER 1953"

Ky. N.)      X = 2,304,027.85      Y = 419,937.77

38 38 54.054

83 11 07.712